



Southern California Association of Governments

Human Resources

818 West 7th Street, 12th Floor, Los Angeles, California 90017 • (213) 236-1910 • www.scag.ca.gov

TRANSPORTATION MODELER #320

Transportation Modeler I – \$41,428 – \$62,139 Transportation Modeler II – \$51,119 – \$73,484
Transportation Modeler III – \$57,807 – \$86,711 Transportation Modeler IV – \$66,240 – \$99,360
Open Until Filled

This position may be filled at any of the four levels of Transportation Modeler. This is a flexibly staffed classification. Individuals hired at the I, II, or III level may advance to the next level without competition, once the competencies have been met and upon recommendation of their supervisor. Employees working at the lower levels will work under greater supervision, perform only portions of the assignments listed while learning aspects of transportation planning, statistical modeling and the TRANSCAD software.

The position reports to the Manager of Modeling within the Information Services Department. This position will be responsible for maintaining and advancing the state-of-the-art transportation and forecasting program, writing reports and developing oral presentations. The employee will also participate in transportation and air quality analyses and studies.

Other Significant Functions include:

- Responsible for independent project management including work plan, progress reports and project summary reports.
- Participate in technical presentations to committees.
- Coordinate with other agencies, sections, and departments to maintain consistency, reliability and validity in the regional travel forecasting process.
- Perform the model runs for the New Travel Demand Model and summarize the modeling outputs.
- Conduct emissions and conformity analysis.
- Provide technical support to internal and external staff.

Ideal Candidate Qualities

- Strong written and verbal communications skills
- Transportation modeling experience
- Experience developing mathematical/statistical models

- Experience with TRANSCAD, GISDK, SUMMIT, and Transplan software
- SAS and FORTRAN programming skills

Minimum Qualifications

Education:

All Levels - Bachelor's degree from an accredited college or university with major course work in urban and regional planning, statistics, computer science or a related field. A Master's degree can substitute for one year of experience.

Experience: ***Level I*** – None; ***Level II*** - Two years of increasingly responsible experience in transportation modeling; ***Level III*** – Four years of increasing responsible experience in transportation modeling; ***Level IV*** – Five years of transportation modeling experience.

Knowledge of: ***Levels I and II*** - Analytical and statistical research methods; technical writing methods; theories, principles and practices of urban planning and development; transportation modeling theory; project management methods and techniques; ***Levels III and IV*** - advanced quantitative statistical methods; advanced research methods and procedures; advanced modeling theory; advanced database design and concepts.

Ability to: ***All levels*** - Prepare clear and accurate technical reports and presentations; analyze and compile technical and statistical information; ***Levels III and IV*** - independently investigate modeling problems; plan and coordinate multiple projects; analyze complex problems and identify logical solutions; facilitate groups with divergent viewpoints; gain cooperation and consensus through discussion and persuasion.

APPLICATION AND SELECTION PROCEDURE

Applicants **must** submit a completed SCAG application and resume to:

Southern California Association of Governments

Attn: Human Resources Office
818 West 7th Street, 12th Floor
Los Angeles, California 90017
(213) 236-1910
(213) 630-1493 fax
www.scag.ca.gov

Applications will be accepted on a continuous basis until SCAG's needs are met. This recruitment may close at any time without prior notice.

Qualified applicants will be invited to participate in the selection process based on the application and resume submitted. Applicants must clearly demonstrate through their application materials that they meet the qualifications listed above. The selection process will consist of an application screening, a written examination to assess writing ability and oral board interview.

Candidates who successfully pass the selection process will be placed on a list of eligible candidates. As vacancies occur, the list of eligible candidates will be submitted to the requesting department for consideration.

EMPLOYMENT INFORMATION

- Before employment, applicants will be required to provide documentation that verifies their proof of eligibility to work in the United States.
- Reference checking will be done prior to hire. A thorough background check including a review of criminal history, DMV report, pre-employment physical, alcohol and drug-screening and financial history may be conducted for certain classifications.
- Employees in limited term assignments serve no probationary period and do not accrue seniority. This is an at-will assignment and employees can be discharged at any time.

EMPLOYEE PROGRAMS AND BENEFITS

- **Insurance Coverage:** Employees may choose from two HMO and two PPO CalPERS health plans and two dental plans. SCAG contributes \$800 towards insurance premiums with the cost difference paid out in cash. Life insurance, in the amount of \$50,000 is provided by SCAG. Short term and long term disability insurance plans are provided by SCAG.
- **Retirement:** Employees become members of the Public Employees' Retirement System (PERS) 2% @ 55 plan. SCAG pays the employee's 7% contribution. ICMA and MetLifet 457 deferred compensation plans are available. Employees do not pay into Social Security.
- **Holidays:** A total of 13 paid holidays – 9 designated and 4 floating – are provided annually.

- **Vacation:** Ten to twenty days per year, depending on length of service.
- **Sick Leave:** Employees earn sick leave at the rate of one day per month.
- **Health, Dependent Care, and Parking Reimbursement Account:** A tax-exempt savings plan is offered to pay eligible expenses associated with health, dependent care, and parking.
- **Rideshare/Transportation Incentive Program:** SCAG pays up to \$155 towards monthly bus pass, vanpool or Metrolink, \$35 per month for ridesharing. In order to receive this benefit, employees must use one of the listed options at least 13 days per month.
- **Flexible Time/Modified Work Week:** Some employees may work a modified 9-80 work schedule, with every other Friday off. SCAG offers a flexible work schedule to allow employees some flexibility on daily work hours.
- **Other Benefits:** SCAG offers credit union membership in the E-Central Credit Union. Employees may have their paychecks automatically deposited. A tuition reimbursement program is offered to employees.

THE ORGANIZATION

The Southern California Association of Governments (SCAG) is a regional planning agency and a Council of Governments, established in 1965. SCAG works to develop long-range policies and action plans to address issues of regional and sub-regional concern and to help local agencies meet Federal and State planning mandates. SCAG serves as a center for information exchange on a broad range of transportation, growth management, environmental, infrastructure, and institutional issues. The SCAG region includes six counties, one hundred eighty-four cities, 38,000 square miles and a population of 17 million. For more information on SCAG, please visit our website at www.scag.ca.gov.

SCAG is located in bustling downtown Los Angeles. Los Angeles (LA) is located on the beautiful California Coast, and offers a year-round Mediterranean climate. The area is known for its cultural venues, sports centers, garment and jewelry districts, high-rise buildings, shopping, tourist attractions, fine restaurants, zoos, and museums. It is home to such professional sports organizations as the LA Lakers, Clippers, Sparks, Kings, and Dodgers. Downtown LA is easily accessible by Metrolink train, underground Metro, and bus.

EQUAL EMPLOYMENT OPPORTUNITY

SCAG is an equal employment opportunity employer. All personnel policies and programs are administered without regards to race, color, religion, political belief, age, national origin, sex, disability, cultural background, or sexual orientation. If you require assistance to participate

in this recruitment, please call the Human Resources
Office at (213) 236-1931.